

**To:** Grubb, Alex[Alex.Grubb@WestonSolutions.com]; Nattis, Randy[Nattis.Randy@epa.gov]  
**Cc:** Brad.Morgan@WestonSolutions.com[Brad.Morgan@WestonSolutions.com]  
**From:** Bruce, Ian  
**Sent:** Mon 7/28/2014 10:31:54 PM  
**Subject:** RE: Haystack #1 AUM - RSE

Hey Randy,

I'll work to get the DMP setup for the Haystack Site using the templates you provided. Alex has got a good handle on the itinerary and SAP, and I'll team up with him to finalize it before Wednesday. We'll get everything squared away so we're ready for the sampling event. Haystack will be a good test run to see what works and what doesn't. We can refine our methods and protocols based on the results from the sampling event.

Enjoy your vacation in Tahoe!

**Ian Bruce**

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**From:** Grubb, Alex  
**Sent:** Monday, July 28, 2014 3:17 PM  
**To:** Nattis, Randy; Bruce, Ian  
**Cc:** Morgan, Bradley  
**Subject:** RE: Haystack #1 AUM - RSE

We've got it handled, no worries. I'll send you a detailed item by item (and task by task)

list and itinerary in a couple of hours (along with the SAP). I've been working closely with our ABQ/Grants personnel as well as former E&E personnel involved at the Sec 32/33 RA to make sure we have everything covered. With the Cove field work next week I'm planning on having all the final Haystack details worked out by Wednesday this week. Enjoy your time in Tahoe, and feel free to call or text me 24/7 if there is anything you need (415.928.9777).

Alex

**From:** Nattis, Randy [<mailto:Nattis.Randy@epa.gov>]  
**Sent:** Monday, July 28, 2014 3:02 PM  
**To:** Grubb, Alex; Bruce, Ian  
**Cc:** Morgan, Bradley  
**Subject:** RE: Haystack #1 AUM - RSE

I'm taking off the rest of the week (I'll be in Tahoe). That being said, this is my top priority, so if we need to talk for something ASAP, call me. If you need something with follow up, email me.

Please take what I provided you (equipment list) and summarize the Site / assessment with a full equipment list and the source of where the equipment is coming from. With a lot of moving parts, I'm a little worried something will fall through the cracks.

Thanks,

Randy B. Nattis  
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**From:** Grubb, Alex [<mailto:Alex.Grubb@WestonSolutions.com>]  
**Sent:** Monday, July 28, 2014 2:03 PM  
**To:** Nattis, Randy; Bruce, Ian  
**Cc:** [Brad.Morgan@WestonSolutions.com](mailto:Brad.Morgan@WestonSolutions.com)  
**Subject:** RE: Haystack #1 AUM - RSE

Hey Randy,

The SAP is done, I'm just making a few tweaks this afternoon (mostly formatting and detail stuff), so I should be able to get it to you tonight. The HASP should be ready by tomorrow AM as well. I spoke with Ian and Brad about the general data plan out there, but I'll get with them asap to get the actual DMP put together.

As for the equipment, I've been working with our Health Physicist (Bob) and our equipment manager, and we'll have the 3x3 probes, the 10" cables, the downhole probe (3/4" I believe), voltage meter, source, plus a few extra meters (pancake,  $\mu$ R meter, etc, for H&S purposes), as well as some other standard field gear. We have a call on Wednesday to work out the logistics (i.e. me picking it all up in ABQ vs shipping etc). I'm also working with another vendor to try out the downhole geoprobe gamma datalogger, but we're still planning on using the old-school skinny probe, since I'm not sure how well the datalogger will work out there the first time. The only other equipment that comes to mind that I'll need to get is PVC for the subsurface logging (which I'm going to order from our equipment people), and dust/air monitors which we can provide, or we can get from the regional warehouse (I'll be there tomorrow or Wednesday anyway, so I'll bring a list and see what's available, anything that isn't I'll get from our people, no problem).

I'm meeting up with Wilson tomorrow (maybe we all area?) at 10:00, so if you want to go over any of this in person just let me know.

Alex

**From:** Nattis, Randy [<mailto:Nattis.Randy@epa.gov>]  
**Sent:** Monday, July 28, 2014 12:47 PM  
**To:** Bruce, Ian; Grubb, Alex  
**Cc:** Morgan, Bradley  
**Subject:** Haystack #1 AUM - RSE

In additional to all my other needs (HASP, SAP and equipment), I also need a DMP, once the Navajo Operation Viewer is migrate, all assessment data placed up there.

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